

Title (en)  
THERMOPLASTIC RESIN COMPOSITION FOR CLEANING MOLDING MACHINE

Title (de)  
THERMOPLASTISCHE HARZZUSAMMENSETZUNG ZUM REINIGEN EINER FORMMASCHINE

Title (fr)  
COMPOSITION DE RÉSINE THERMOPLASTIQUE POUR NETTOYER UNE MACHINE À MOULER

Publication  
**EP 2808148 A4 20150923 (EN)**

Application  
**EP 13741003 A 20130115**

Priority  
• JP 2012014737 A 20120127  
• JP 2013050510 W 20130115

Abstract (en)  
[origin: EP2808148A1] To provide a thermoplastic resin composition for cleaning a molding processing machine, which has good cleaning performance and workability in cleaning an inner side of a molding processing machine of thermoplastic resin composition, such as an extruder and an injection molding machine. A thermoplastic resin composition for cleaning a molding processing machine, which includes (A) an olefin-based resin, (B) a thermoplastic resin which is not compatible with the olefin-based resin of the component (A), (C) a thermoplastic resin for making the olefin-based resin of the component (A) and the thermoplastic resin of the component (B) compatible with each other, (D) an alkaline metal salt of a fatty acid, (E) a nonionic surfactant, and (F) a metal salt of an acidic phosphoric ester.

IPC 8 full level  
**B29C 33/72** (2006.01); **C08K 5/098** (2006.01); **C08K 5/103** (2006.01); **C08K 5/521** (2006.01); **C08L 23/00** (2006.01); **C08L 23/04** (2006.01); **C11D 1/04** (2006.01); **C11D 1/34** (2006.01); **C11D 1/68** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)  
**B08B 7/00** (2013.01 - EP US); **B29C 33/72** (2013.01 - EP US); **C08K 5/101** (2013.01 - EP US); **C08L 23/02** (2013.01 - EP US); **C08L 23/04** (2013.01 - EP US); **C08L 23/06** (2013.01 - EP US); **C08L 23/0807** (2013.01 - EP US); **C08L 23/0815** (2013.01 - EP US); **C08L 23/0869** (2013.01 - EP US); **C08L 23/10** (2013.01 - EP US); **C08L 25/12** (2013.01 - EP US); **C08L 33/08** (2013.01 - EP US); **C08L 33/10** (2013.01 - EP US); **C11D 1/66** (2013.01 - US); **C11D 3/2075** (2013.01 - US); **C11D 3/362** (2013.01 - US); **C11D 3/3749** (2013.01 - EP US); **C11D 3/3761** (2013.01 - EP US); **C11D 10/04** (2013.01 - EP US); **C08K 5/098** (2013.01 - EP US); **C08K 5/103** (2013.01 - EP US); **C08K 5/1535** (2013.01 - EP US); **C08K 5/521** (2013.01 - EP US); **C08L 33/12** (2013.01 - EP US); **C08L 2205/03** (2013.01 - EP US); **C08L 2207/062** (2013.01 - EP US); **C08L 2207/066** (2013.01 - EP US); **C11D 1/345** (2013.01 - EP US); **C11D 1/667** (2013.01 - EP US); **C11D 2111/20** (2024.01 - EP US)

Citation (search report)  
• [A] WO 2011024828 A1 20110303 - DAICEL POLYMER LTD [JP], et al & EP 2471898 A1 20120704 - DAICEL POLYMER LTD [JP]  
• [A] US 5238608 A 19930824 - OBAMA KENJIRO [JP], et al  
• [A] WO 2010044254 A1 20100422 - DAICEL POLYMER LTD [JP], et al  
• [A] EP 0972807 A1 20000119 - CHISSO CORP [JP]  
• See references of WO 2013111632A1

Cited by  
US11701799B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2808148 A1 20141203; EP 2808148 A4 20150923; EP 2808148 B1 20161005**; CN 103958144 A 20140730; CN 103958144 B 20160907; IN 5966DEN2014 A 20150626; JP 2013154484 A 20130815; JP 5792647 B2 20151014; KR 101940114 B1 20190118; KR 20140117358 A 20141007; TW 201335360 A 20130901; TW I582228 B 20170511; US 2015021802 A1 20150122; US 9920285 B2 20180320; WO 2013111632 A1 20130801

DOCDB simple family (application)  
**EP 13741003 A 20130115**; CN 201380004140 A 20130115; IN 5966DEN2014 A 20140716; JP 2012014737 A 20120127; JP 2013050510 W 20130115; KR 20147015995 A 20130115; TW 102102756 A 20130125; US 201314373244 A 20130115